

FACP-P1			
PRIMARY CLARIFIER STORAGE ROOM (P113)			
ADDRESSABLE SIGNALLING LINE CIRCUITS			
ID	AREA	REFERENCE	TYPE
SLC-P1-01	TO/FROM ADMINISTRATION BUILDING	1-0102M-E0005	DCLC
SLC-P1-02	TO/FROM GRIT AREA	1-0102G-E0005	DCLC
SLC-P1-03	TO/FROM GENERATOR BUILDING	1-0102G-E0005	DCLB
SLC-P1-04	TO/FROM SERVICE BUILDING	1-0102B-E0003	DCLC
SLC-P1-05	TO/FROM PRIMARY CLARIFIERS	1-0102P-E0006	DCLC
SLC-P1-06	SPARE		DCLC
SLC-P1-07	SPACE		
SLC-P1-08	SPACE		
CONVENTIONAL INITIATING DEVICE CIRCUITS			
ID	AREA	REFERENCE	CLASS
IDC-P1-01	FROM PRIMARY CLARIFIERS	1-0102P-E0006	B
IDC-P1-02	FROM PRIMARY CLARIFIERS 1 & 2 FAN ROOM (P123)	1-0102P-E0006	B
IDC-P1-03	FROM PRIMARY CLARIFIER 3 PENTHOUSE	1-0102P-E0006	B
IDC-P1-04	SPARE		B
IDC-P1-05	SPARE		B
IDC-P1-06	SPARE		B
IDC-P1-07	SPARE		B
IDC-P1-08	SPARE		B
CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS			
ID	AREA	REFERENCE	CLASS
NAC-P1-01	TO SERVICE BUILDING	1-0102B-E0004	B
NAC-P1-02	TO PRIMARY CLARIFIERS	1-0102P-E0007	B
NAC-P1-03	TO PRIMARY CLARIFIERS	1-0102P-E0007	B
NAC-P1-04	TO PRIMARY CLARIFIERS LOWER FLOOR	1-0102P-E0007	B
NAC-P1-05	TO GRIT AREA	1-0102G-E0006	B
NAC-P1-06	SPARE		B
NAC-P1-07	SPARE		B
NAC-P1-08	SPARE		B

FACP-S1			
SECONDARY CLARIFIER ELECTRICAL ROOM			
ADDRESSABLE SIGNALLING LINE CIRCUITS			
ID	AREA	REFERENCE	TYPE
SLC-S1-01	TO/FROM OXYGEN REACTORS	1-0102R-E0004	DCLC
SLC-S1-02	TO/FROM SECONDARY CLARIFIERS	1-0102S-E0009	DCLC
SLC-S1-03	TO/FROM SECONDARY CLARIFIERS	1-0102S-E0009	DCLC
SLC-S1-04	TO/FROM UV BUILDING	1-0102U-E0002	DCLB
SLC-S1-05	SPARE		DCLC
SLC-S1-06	SPARE		DCLC
SLC-S1-07	SPACE		
SLC-S1-08	SPACE		
CONVENTIONAL INITIATING DEVICE CIRCUITS			
ID	AREA	REFERENCE	CLASS
IDC-S1-01	TRUCK BAY AND SCRUBBER ROOM	1-0102S-E0009	B
IDC-S1-02	MECHANICAL ROOM S126	1-0102S-E0003	B
IDC-S1-03	SECONDARY CLARIFIER 2	1-0102S-E0004	B
IDC-S1-04	SPARE		B
IDC-S1-05	SPARE		B
IDC-S1-06	SPARE		B
IDC-S1-07	SPARE		B
IDC-S1-08	SPARE		B
IDC-S1-09	SPARE		B
IDC-S1-10	SPARE		B
IDC-S1-11	SPARE		B
IDC-S1-12	SPARE		B
CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS			
ID	AREA	REFERENCE	CLASS
NAC-S1-01	TO OXYGEN REACTORS PSA ROOM (R102)	1-0102R-E0004	B
NAC-S1-02	TO OXYGEN REACTORS	1-0102R-E0004	B
NAC-S1-03	TO SECONDARY CLARIFIERS	1-0102S-E0010	B
NAC-S1-04	TO SECONDARY CLARIFIER 2	1-0102S-E0010	B
NAC-S1-05	TO SECONDARY CLARIFIER 3	1-0102S-E0010	B
NAC-S1-06	TO SECONDARY CLARIFIERS LOWER LEVEL	1-0102S-E0010	B
NAC-S1-07	TO SECONDARY CLARIFIERS LOWER LEVEL	1-0102S-E0010	B
NAC-S1-08	TO SECONDARY CLARIFIER 1	1-0102S-E0010	B
NAC-S1-09	SPARE		B
NAC-S1-10	SPARE		B
NAC-S1-11	SPARE		B
NAC-S1-12	SPARE		B

BPS-M1			
ADMINISTRATION BUILDING ELECTRICAL ROOM			
CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS			
ID	AREA	REFERENCE	CLASS
NAC-M1-01	TO ADMINISTRATION BUILDING	1-0102M-E0005	B
AUX-M1-02	24VDC POWER FOR FAAP-1		B
NAC-M1-03	SPARE		B
NAC-M1-04	SPARE		B

BPS-G1			
GRIT BUILDING ELECTRICAL ROOM			
CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS			
ID	AREA	REFERENCE	CLASS
NAC-G1-01	TO GRIT AREA UPPER FLOOR	1-0102G-E0006	B
NAC-G1-02	TO GRIT AREA LOWER FLOORS	1-0102G-E0006	B
NAC-G1-03	TO GENERATOR BUILDING	1-0102G-E0006	B
NAC-G1-04	SPARE		B

BPS-U1			
UV BUILDING ELECTRICAL ROOM			
CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS			
ID	AREA	REFERENCE	CLASS
NAC-U1-01	TO UV BUILDING	1-0102U-E0002	B
NAC-U1-02	SPARE		B
NAC-U1-03	SPARE		B
NAC-U1-04	SPARE		B

LEGEND:

DCLA DATA COMMUNICATION LINK STYLE A
 DCLB DATA COMMUNICATION LINK STYLE B
 DCLC DATA COMMUNICATION LINK STYLE C



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/11	EFB	CJR

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-786-8080

DESIGNED BY: E. BOHNCKE
 CHECKED BY: C. REIMER
 DRAWN BY: E. BOHNCKE
 APPROVED BY: C. REIMER
 SCALE: --
 RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
 DATE: 2011/03/22
 DATE: 2011/03/11

CONSULTANT NO.: 112577-0101-47DD-0003

ENGINEER'S SEAL
 ORIGINAL DRAWING
 SEALED BY:
 C. J. REIMER
 SNC-LAVALIN
 MEMBER # 21968
 2011/03/25
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTER
 FIRE ALARM UPGRADE
 DETECTION AND NOTIFICATION CIRCUITS

CITY DRAWING NUMBER: 1-0102A-E0003
 SHEET: 001
 REV: 00
 SIZE: A1